

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Shao

Serial No.: 10/789,387

Filed: February 26, 2004

For: AN APPARATUS AND  
ASSOCIATED METHODS TO  
INTRODUCE DIVERSITY IN A  
MULTICARRIER CHANNEL

Docket No.: 42P16330

Confirmation No.: 4947

Examiner: Nguyen, Leon Viet Q

Art Unit: 2611

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.111**

Dear Examiner:

This amendment is submitted in response to the Office Action mailed November 10, 2009, for the above-noted patent application. Applicants respectfully request the Examiner to:

1. Please enter the amendments to the claims in section I, beginning on page 2.
2. Please consider the amendments to the claims in section I in view of the remarks in section II, beginning on page 8.

I hereby certify that this correspondence is being deposited via  
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